Salt-Water Sweetned;

Or, a TRUE

ACCOUNT

OF THE

Great Advantages

Of this NEW

INVENTION

BOTH BY

Sea and by Land:

TOGETHER

With a Full and Satisfactory Answer to all Apparent Difficulties.

ALSO THE

Approbation of the COLLEDGE of PHYSICIANS.

LIKEWISE

A LETTER of the Honourable *Robert Boyle* to a Friend upon the same Subject.

November 18*th.* The Second Edition, with Additions.

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WELLCOME
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TO THE
KING'S Moſt Excellent Majeſty.

SIR,

WHEN *Mr* Boyle, *with my Partners, and my ſelf attended your Majeſty with the Experiment of Reducing* Salt Water *into* Freſh; *your Majeſty ſeem'd ſo well pleas'd with an Invention of that Univerſal Benefit, That We cannot but with our Humbleſt Duty, acknowledge your Gracious Reception of it; However as your Great Wiſdom, and Judgment is not eaſie to be ſurpriz'd, and your Royal Approbation never known to be your haſty Act of Grace; your Favour and Patronage was not fully obtain'd, till with the ſtricteſt Scrutiny you had firſt examin'd thoſe Hopes and Probabilities, you vouchſaf'd to Encourage in Us.*

But when upon further conſideration, We had obviated all Difficulties, and ſolv'd all Objections againſt this Undertaking, (which We hope will appear in this Printed Paper,) your Majeſty was Graciouſly pleas'd to give us your Approbation, and to Order Us your Letters Patents, *which Grace and Favour, ought to be, and is receiv'd by Us with the deepeſt ſenſe of our humble Acknowledgments and Gratitude.*

And if the Fruits of your Royal Grant has not hitherto been deriv'd to Us, 'tis partly by ſome Obſtacles we met from the ſuggeſtions of a private Perſon, but more eſpecially by the late Hotrid Conſpiracy

Conſpiracy, *when, not only our Loyal apprehenſions for Your Majeſties Danger, diverted our Thoughts from all other Concerns, but likewiſe we judg'd it a part of our Duty not to be preſſing on your Majeſties Goodneſs, or on your Miniſters of State in ſo Important a juncture of Affairs: But having now re-gain'd Leiſure and Freedom after the diſſipation of the greateſt part of our Fears, We preſume a ſecond time to lay theſe Endeavours at your Feet, as beſt Entituled to the Patronage of ſo great an Undertaking by your own Subjects, and beſt able to Recommend it to the World by your Royal Approbation.*

This Experiment is in a great degree owing to the Eminent Mr. Boyle, *and indeed well worthy ſo Ingenious a Promoter, being ſo much the more the Favourite of his happy* Genius, *as it is Univerſally uſeful to Mankind; But whatever Advantages this Country, or indeed the World may receive by it, his whole ambition is bounded in the publick profit, contenting himſelf with no other Benefit from it, than the ſatisfaction & pleaſure of ſeeing it accompliſh'd by his Friends.*

The Advantages in regard to Navigation, *eſpecially in long Voyages, which are ſubject (through often Calms, and on ſeveral other accounts,) to diſtreſs, for want of Water, and the benefits to Sea-Towns, which are incommodated by Brackiſh Waters, Together with the Eaſineſs, Cheapneſs and Wholſomneſs of this prepared Water, are the principal ſcope of theſe enſuing Papers, which are Humbly Dedicated to your Majeſties Peruſal, Favour, and further Approbation, by*

Your Majeſties moſt Dutiful, and

Obedient Subject,

R. FITZGERALD.

The fore-going Dedication Humbly offered to His Majeſty, *having diſcovered the Intention of this Undertaking; it remains now to ſatisfy all Reaſonable Scruples which have been raiſed concerning the Wholeſomeneſs and Cheapneſs of* Water *thus Prepared.*

The *Queries* and *Anſwers* follow.

Queſt. 1. IF *this* Water *can be made in ſufficient quantities to ſerve the Uſes of any Ship at* Sea?

Anſ. About Ninety Gallons may be Prepared in every Twenty Four Hours by an Inſtrument of 33 Inches Diameter, which will ſtand under the Deck of any Ship; and it's computed that leſs than 3 Quarts is a good Allowance for any man in that time: And if a large Ship, wherein there are many men aboard ſhould require more Water, then two or more of the Inſtruments may be had upon Reaſonable Terms, and one man may attend ſeveral of them.

Queſt. 2. *In caſe the Operation be by* Fire, *it may require a Skilful* Chymiſt, *or one knowing in ſuch Operations, to be on Board every Ship, who will require great Wages?*

Anſ. There will be no occaſion for any ſuch perſon, for any Sea-man may be Inſtructed in an Hour or two to Prepare this Water.

Queſt. 3. *It's probable that the* Engine *may be frequently out of Order, and being ſo at* Sea *where Artificers and Tools are wanting to Repair it, there muſt neceſſarily follow want of* Water, *which will be of Ill Conſequence.*

Anſ. This *Engine* is of ſuch Contrivance, that it's never likely to be out of Order.

Queſt. *Can this* Engine *be of uſe in Stormy-weather?*

Anſ. Since a ſufficient quantity of Freſh-water may be ſo eaſily had by this *Engine*, the Marriners will be Careful to make a good Proviſion of it before-hand; however 'tis not to be doubted but it will anſwer the worſt Accidents of the greateſt Storms, and have its Effect ſufficiently in the worſt Weather, eſpecially conſidering that in ſuch deſperate Extremities men muſt be content with ſmaller Allowances.

Queſt. 5. *The Operation being by* Fire *it may endanger the Ship, and the Smoak be very offenſive?*

Anſ. The *Engine* may eaſily be placed in any Ship without danger of *Fire*, or offence of Smoak.

Queſt. 6. *Will not the Charge of this Inſtrument and the Materials belonging to it be very great ?*

Anſ. It is difficult to make exact Anſwer to this, but an Inſtrument of the largeſt Size, with all the Materials belonging to it, will not amount to above Sixteen Pound at moſt, and may laſt many years, and according to the Rates of Ships they may be proportion'd both in Bulk and Price. And where it may be thought Neceſſary to make uſe of this Experiment, on Shore, for Brewing, or other uſes of a Family, Inſtruments and Materials may be very Large, and very much cheaper on Shore, then at Sea.

Queſt. 7. *Will not the Fewel be very Chargeable, and take up much Room in the Ship ?*

Anſ. This Operation is cauſed by ſo little *Fire*, that it will be very Cheap, and the Proviſion need not be great, nor the trouble of Stowing it in a Ship.

Queſt. 8. *Will not the Ingredients take up much Room, and be very Chargeable ?*

Anſ. A Veſſel leſs then a Barrel may contain enough of the Ingredients to carry a Ship to the Eaſt *Indies* and back again; and the Ingredients for one hundred Gallons of this *Sea-Water* will not amount to above Fourteen Pence at moſt. And will be Cheaper when great quantities are us'd at Land.

Queſt. 9. *Admitting this Preparation of Water may be made, and in ſufficient quantities, it may be doubted whether it be wholeſome ?*

Anſ. The Famous Lord *Bacon* having written Learnedly of this Subject, had not the leaſt thought that the Sea-water after it had been Diſ-ſalted, without any Noxious addition, was Unwholeſome, and it neither now is, nor ever was really doubted whether it were Wholeſome : However, becauſe invidious perſons, who are no well-wiſhers to Ingenious Deſigns, may poſſibly raiſe Scruples, the Gentlemen who are concerned in this Grant, have purpoſely to give Publick Satisfaction, ſent a large quantity of this Water to Doctor *King*, a very Ingenious Phyſician, who is a Member of the *Colledge*, and of the *Royal Society*; who finds,

1. That it is Lighter than moſt of the Waters about the Town.
2. That it is without Sediment, and Tranſparent as any other Waters.
3. That it Lathers, (as they call it,) with *Waſh-Ball* or *Soap*, beter than other Water, and with leſs *Soap*.
4. That *Sugar* diſſolveth ſooner in it, than in other *Water*.
5. That it *Evaporates* ſooner than common *Water*.
6. That whereas common *Water* Putrifies, and yields a Stinking Smell within a few Weeks, this has continued Sweet and unaltered ſeveral Months, and

and may yet do ſo much longer, being ſtill in as good condition as it was above Eight Months ago, *November* the 15*th*. 1683.

7. That it makes *Gellies* as firm and good as any *Water*.

8. That it Boils Peaſe to Tenderneſs, Beef, Mutton, Fiſh, and all other Meat, without giving it an ill *Taſte* or *Colour*.

9. That it has no kind of ill *Taſte* in it ſelf, and Boils in *Milk* without Curdling.

10. That *Flowers*, *Plants*, and all *Vegetables* grow in it at leaſt as well as any other *VVater*.

11. And that ſmall *Animals* Live and grow in it.

Several men of great Quality, *viz*. The Earls of *Shrewsbury*, *VVeſtmorland*, *Mulgrave*, the Lord *Dunbar*, Lord *Lumley*, Lord *Falconbridge*, and Lord *Chumley*, beſides ſeveral Gentlemen of Quality who frequently drink Water, Officers of *Sea* and *Phyſicians* have *Drunk* of this *VVater* without being in the leaſt indiſpos'd after it; but leſt any doubts may remain, after this, of the *Salubrity* of the ſaid *VVater*, the following Teſtimonial of theſe Learned and Eminent *Phyſicians* is here inſerted. And a further account of new Experiments made by an Ingenious *Phyſician*, is now ready to be Printed.

The Approbation of the Colledge of Phyſicians, *and of other* Doctors *of* Phyſick, *Practiſing in and about* London.

WHereas we have received an account in a *Gazet* publiſhed ſome months ſince, that the Honourable *Robert Fitz-Gerald* Eſq; hath found out the way and means of reducing *Salt-water* into Freſh, in quantities ſufficient to ſerve Ships at Sea. And foraſmuch as ſome perſons may poſſibly make a doubt, if the ſaid Water be wholſome after the Salt is taken out of it. We therefore conſidering of what general advantage, this uſeful Experiment may be, having fully inform'd our ſelves from Mr. *Boyle*, that the ſaid Experiment is made by Fire. And having alſo ſeen an account of ſome Experiments made by ſome Members of our own Body, do declare Our opinion, that We believe the ſaid Water is very wholſome, and may be ſafely us'd. And being further acquainted by the ſaid Mr. *Boyle*, that the very few Ingredients made uſe of in the ſaid Operation, are fix'd in the Fire, and give no noxious quality to the Water; We are therefore of Opinion that the ſame may be

ſafely us'd, and is at leaſt as Healthy as any other Water us'd at Sea. All which We certify (at the Requeſt of the Honourable *Robert Fitz-Gerald.*)

D. *Cox* Preſident,
Sir *C. Scarborough* Knt.
Dr. *Daniel Whiſtler*,
Dr. *Weatherly*,
Dr. *Will Denton*,
Sir *T. Millington* Knt.
Dr *Walter Needham*,
Dr. *Thomas Short*,
Dr. *Thomas Allen*,
Dr. *Edmond Dickingſon*,
Dr. *William Croone*,
Dr. *Richard Lower*,
Dr. *John Windebank*,
Dr. *Daniel Cox*,
Dr. *James Rufine*,
Dr. *Charles Conqueſt*,
Dr. *Edmond King*,
Dr. *Willoughby*,
Dr. *Thomas Sydenham*,
Dr. *Edward Tyſon*,
Dr. *Nehemiah Grew*,
Dr. *David Abercromby*.
Dr. *Andrew Creagh*,

Though Phyſick has always Flouriſhed in this Kingdom, yet in this Age it is in greater perfection then ever; being improv'd both as to the Practical and Speculative part, by the preſent Fellows of the Famous Colledge of Phyſicians; who being Men of great Practice and Eminent Learning, cannot but give full ſatisfaction to all ſuch as inquire concerning the healthfulneſs of this Water; Their Opinion being in this particular, the more valuable, becauſe it is to their own diſadvantage; ſince the Brackiſh Waters of the Sea-Coaſt, and the putrifying Waters made uſe of at Sea, might probably have afforded them a great number of Patients, which may hereafter be leſſened by the uſe of this wholſom Water.

Since the firſt Edition of theſe Papers his Majeſty has been pleas'd to ſee ſome Experiments, which has ſo convinced His Majeſty of the healthfulneſs of this Water, that he has reſolved to have it generally made uſe of in his Sea-Port Garriſons; of which an account has been given in ſeveral *Gazets*, by His Majeſties Special Order.

The Benefits and Advantages of Sea-Water *made* Freſh.

MUch Stowage will be ſaved, ſo that a Ship of 50 or 60 Tun, and proportionably of greater Bulk, may take in ſeveral Tuns of Goods more than they formerly uſed to carry; which will conſiderably advance the Trade of all Merchants, and be of vaſt profit to the Maſters or Owners of Ships.

The Charge of Casks is very conſiderable, eſpecially when bound with Iron

Iron, as all Sea-Casks muſt be; And by means of this Engine, three fourths of that charge will be ſaved.

The tear and wear of Boats often going from Shipboard, and frequent loſs of the Boats and men in Stormy weather, and the opportunity of the Seamens being Drunk on ſhoar; by which many fatal accidents do happen, (by means of having this Water-Engine) will be prevented.

Ships in long Voyages have been forc'd to run many Leagues from their intended courſe, which much retards their Voyage, and makes them loſe fair winds, and maintain more Sea-men at charges of Diet and Wages than they have occaſion for; which inconveniences may be prevented by having Water within themſelves.

Ships are often forc'd to leave their Ankors and Cables behind them, by being forced into dangerous Shoars upon account of taking in Freſh Water.

In the *African*, *Eaſt* and *VVeſt India* Voyages, great quantities of Freſh Water are neceſſary, which the Sea-men are forc'd to put above Deck for want of room, which is great hindrance to a Ships Sailing, and much endangers and weakens a Ship.

In caſe of Calms, which often happen in the narrow Seas, but eſpecially near the Line, this Inſtrument will be of vaſt Advantage by affording freſh and wholſome Water, inſtead of that which is unwholſom and offenſive.

Eſſex, *Kent*, and all other the Sea-Coaſts, in any part of the World that want wholſome Water, may be eaſily and cheaply ſupplyed by this means; as alſo *Venice*, *Amſterdam*, *Roterdam*, and all other Towns or Places that lye near the Sea, and either want good, or have Brackiſh Water.

In time of War, whole Navies may be relieved by this Engine, and opportunity given of making the greateſt diſcoveries imaginable.

It is further to be conſidered, that hitherto the richeſt and ableſt bodied Sea-men have been averſe from undertaking long Voyages by reaſon of endangering their healths, and lives, by making uſe of putrified Water, which inconvenience is not now to be feared, there being ſuch uſeful hopes of Freſh Water by the uſe of this Engine; and poſſibly a ſmaller number of men may ſerve the uſe of Ships then do at preſent, by which much Charges will be ſaved to the Maſters and Owners of Ships; and Merchants may Trade upon eaſier Terms.

In *Portſmouth*, *Rocheſter*, the *Fenns* of *Lincolnſhire*, and any other places near the Sea, where Waters are Brackiſh, and conſequently unwholſome, this Engine, *&c.* may be very uſeful, and where there is room enough to place it, very great quantities of Water may be had for the uſe of whole Families and the Ingredients when uſed in great quantities may be afforded at a Cheaper Rate.

A Letter of Mr. *BOYLES*, to the Learned Dr. John Beale Fellow of the *Royal Society*, concerning *Freſh-water* made out of *Sea-water*, Printed at the deſire of the *Patentees*.

SIR,

TO *give you a ſhort account* (*ſuitable to the little time I have to do it in*,) *of the Tranſaction*, *which I ſuppoſe muſt have given the riſe to the mention made of my Name in the publick* Gazet; *I muſt inform you*, *that one of my neareſt Relations*, (*Captain* Fitz-gerald,) *and ſome other Worthy Gentlemen*, *having acquainted His Majeſty*, *that They had an Invention for making* Sea-water *ſweet and wholſom in great quantity*, *and with ſmall Charge*, *and that I had examin'd*, *and did approve the Water ſo prepar'd*; *His Majeſty was pleas'd with very Gracious Expreſſions*, *to command Me to attend Him with a further and more particular Information. Having readily obey'd this Order*, *and been made acquainted with the Objections the King thought fit to make againſt the Practicableneſs of the Invention*; *which*, (*tho a private Man had urg'd them*,) *I ſhould think the moſt Judicious that have been fram'd againſt it*; *I Humbly repreſented to him*, *that I look'd upon this Invention as Comprizing two differing things*; *a* Mechanical *part*, *which related to the Engine it ſelf*, *and the uſe of it a Ship-board*, *and a* Phyſical *part which concerns the Potableneſs and Wholſomneſs of the Liquor. About the former of theſe I did not pretend to clear the Difficulties*, *eſpecially ſuch ſtrong ones*, *as His Majeſty had propos'd*; *but left it to the* Patentees *to give Him Satisfaction*, *which they were in a readineſs to offer. But as to the Wholſomneſs of the prepar'd Water*, *I had made ſome Tryals upon that Liquor*, *which gave me no juſt grounds of ſuſpecting it to be unwholſome*, *but ſeveral motives to believe it well condition'd*, *and of great uſe to* Navigators, *and not to them only. And having hereupon briefly acquainted His Majeſty with the chief Tryals I had made to examine this* Sweetned Water, *He was pleas'd to look upon them as Satisfactory*, *and vouchſafed on that occaſion to diſcourſe as a* Virtuoſo *of the Sea and Brackiſh-Waters*, *and gave me ſome new*, *as well inſtructive Obſervations about them: and in concluſion*, *diſmiſs'd the* Patentees *with a Gracious Promiſe of His Royal Protection*, *and peculiar Favour.*

To this ſhort Narrative it now remains, *that I briefly Subjoyn the chief things that perſwaded me of the Salubrity of this Water*, (*whence may be juſtly and eaſily*

easily inferr'd, the Utility the Publick may receive by a cheap and easy way of preparing it.) First, then I consider'd that almost all the Rain-water that falls from the Clouds on the Main Ocean, and which (except perhaps in very few places in torrid Climates) is unquestionably receiv'd as wholsom, must be afforded by the Sea, and consequently be but Sea-water free'd from its Salt (according to the Famous Motto, Redit Agmine dulci.) Next I found, (as His Majesty Himself had done,) that the Liquor was well tasted, and without any sensible Brackishness; and so some of it continued for between 4 or 5 Months in a large Crystal Bottle, that I purposely kept un-stopt, and for the most part in a South Window, where it neither did, nor probably in a long time, will putrifie, or so much as appear troubled or less transparent; during which time it was with Approbation tasted and smell'd by several Learned Physicians of the Famous Colledge of London. Thirdly, I found it laver very well, which most Pump-waters, and many others that have some little (tho' unperceiv'd) common Salt in them, will not do. Fourthly, this Water will boyl Pease tender, which amongst Sea-men is one of the principal signs of good Water. Fifthly, In very good Ballances with an Instrument that I purposely caus'd to be made for the nice weighing of Liquors, I found this Water far less heavy than one would expect, for if it differ'd at all in weight from the like quantity of undistill'd Water, (I speak with an If, because it is far more difficult to be exact in such nice Tryals, than the unpractic'd will imagine) the difference was not considerable, being but 1 part in 400, and that difference is very small in comparison of that which Navigators and Learned Authors relate to be observable in natural Waters, all of them good and potable: I might tell you on this occasion; that the last great Duke of Tuscany, who was an Eminent Virtuoso, and the Patron of the Celebrated Academy of the Lyncean Philosophers, is affirm'd among other prudent courses that he took for his Health, whereof he was very Solicitous to, have constantly made use of Distill'd Water when he us'd any Water, for his own Drinking. And I could add other things favourable enough to the Patentees Water, if Haste, and perhaps Discretion too, did not oblige me to leave them yet unmention'd, that I might now have time to say somewhat of the main thing of all that convinced me of the Saltlessness of the Water I speak of. I consider'd then, Sixthly, That the thing that was aim'd at by those Ingenious men, that at differing times, and in several Countries have attempted to make Sea-water Sweet, and the thing that was requir'd by proposing Recompences, or otherwise to Encourage the Makers of such Attempts, was to Free the Sea-water from the Brackishness without any Noxious Additament: so that on all sides it was taken for granted, that the only thing that kept the Sea-water from being safely Potable, was its Brackishness. From which Reflection it was natural for Me to infer a Conclu-

sion

ſion very favourable to our prepar'd VVater: For having long ſince written a ſhort Diſcourſe of the Saltneſs of the Sea; *I had been Induſtrious to deviſe ways of comparing VVaters in point of Brackiſhneſs. And by theſe I found the* Patentees *VVater to be more free from Common-ſalt, than VVaters that are uſually Drunk here in* London, *of which I remember I ſhew'd thoſe Gentlemen an Experiment that ſurpriz'd, as well as convinc'd them. And that which more ſatisfi'd me my ſelf, was a Tryal that I carefully made by a way which having mention'd, but not yet (for want of opportunity) diſclos'd to His Majeſty, the Reſpect I owe Him forbids me to impart without His leave: On which account I hope you 'l be content to be at preſent aſſur'd, of theſe two Things; One, that by this way of Tryal, I found, (what poſſibly you will think ſtrange;) that if there were in VVater, ſo much as one Grain of Salt, in above two Ounces of VVater, I could readily diſcover it: The other, that even by this Critical* Examen, *I could not detect ſo much as a Thouſandth part of Salt in Our Prepar'd VVater; whereas I found by Tryals purpoſely and carefully made, that our* Engliſh *Sea-VVater contain'd a 44, or 45th. part of good dry Salt; or, which is all one, that 44 Pints, or near ſo many Pounds of* Marine *VVater, would yield about one Pound of dry Common-Salt.*

Thus Sir, *you have a ſhort and Art-leſs Account, ſuch as my haſt will permit, and the nature of the Subject requires, of my part in promoting this Profitable Invention; to which I own my ſelf a great well-wiſher, not out of any private Intereſt (tho that was obligingly proffer'd me by the* Patentees,) *but as I think the bringing it into general uſe may prove a real Service to Mankind, upon the Score of divers Utilities and Advantages, which yet, (tho' I had leiſure,) I ſhould think very needleſs to enumerate to ſo diſcerning a Perſon as Dr.* B. *to whom I ſhall therefore haſten to Subſcribe my ſelf.*

SIR,

A very Affectionate Friend and Humble Servant

R. BOYLE.

THe Gentlemen Concern'd in this Grant, are the Honourable *Robert Fitz-Gerald,* Collonel *Oglethorp,* Mr. *Bridgeman,* Mr. *Thomas Maul,* and Mr. *Patrick Trant*, who intending the General Good as well as their Private Advantage in this Deſign, do intend as ſoon as theſe papers be made publick, to agree with all ſuch as are willing to deal with them for the Inſtruments and Ingredients; which concerning ſo nearly the Lives and Healths of men, ſhall be carefully made up under ſuch ſure and private marks, that it ſhall be very hard (if poſſible) to Counterfeit them.

If any Corporation, Body of People, or Private Perſons, are willing to be concern'd herein, they may pleaſe to direct their Letters to any of the Patentees before-mentioned, at the *Carolina Coffee-houſe* near the *Royal Exchange*, or at *Will's Coffee-houſe* in *Bow-ſtreet* in *Covent-Garden*, or to Mr. *John Pye* in *Brook-ſtreet* near *Holbourn*, who is the Perſon appointed by the Patentees to receive ſuch Papers as are intended for them.

A Copy of a Letter from Captain *Macdonnel*, from aboard his Majeſties Ship the *Grey-hound*, near the Coaſt of *Spain*, to one of the Patentees of Sea-Water.

SIR,

FOR theſe Four Months paſt, I kept your Sea Water (for its better Tryal) Buried in my Ships Hold, where, had it not been extraordinary good, it muſt infallibly have been of no uſe, and offenſive, but I'le aſſure you it prov'd quite contrary; for yeſterday having ſeveral both of Sea and Land Officers on board of me, I made them inſenſibly taſte of your Water, which I pretended to be from a Spring I watered my Ship at, Ten Leagues to the Southward of Sallie; *they all affirm'd it to be as good as* Tangier *Water, the very beſt counted in the* Streights, *but when I diſcovered the Water to be yours, they hardly would give it credit, and approv'd of it (as really it is as good as can be drank) which they deſired me to let you know.*

I am

Novemb. 3d.
1683.

Your Humble Servant,

Rand. Macdonnel.

An ABSTRACT *out of the* Gazette, *Number* 1876.

Whitehall Novemb. 2. 1683. HIs Majesty was pleas'd to Command the Honourable Mr. *Boyle*, to attend Him to give His Majesty an Ocular Proof of the Nicety of his way of examining the Freshness and Saltness of Water, and to apply it to the Sea Water, prepar'd according to the Patentees Invention; which being done before His Majesty, his Royal Highness, and the Duke of *Grafton*, several Persons of Quality being also present, it was made apparent by a certain prepar'd Liquid which Mr. *Boyle* had brought with him, that a Discovery could be made if there were so much as a thousandth part of Salt in a propos'd Water: By which Tryal His Majesty finding that the Prepar'd Sea Water, for which He has granted His Royal Patent, was at least as free from Salt as the best Waters used in this Town; received such satisfaction as to the wholsomness of the said Water, that He was pleased to declare his Royal Intentions both to encourage the said Invention, and to have the said Water made use of in His several Maritime Garisons, which Nature has not furnished with wholsom Water.